

ABSTRACT OF THE DISCLOSURE:

A speech recognition device can include an audio signal receiver configured to receive audio signals from a speech source, a video signal receiver configured to receive video signals from the speech source, and a processing unit configured to process the audio signals and the video signals. In addition, the speech recognition device can include a conversion unit configured to convert the audio signals and the video signals to recognizable speech, and an implementation unit configured to implement a task based on the recognizable speech.